

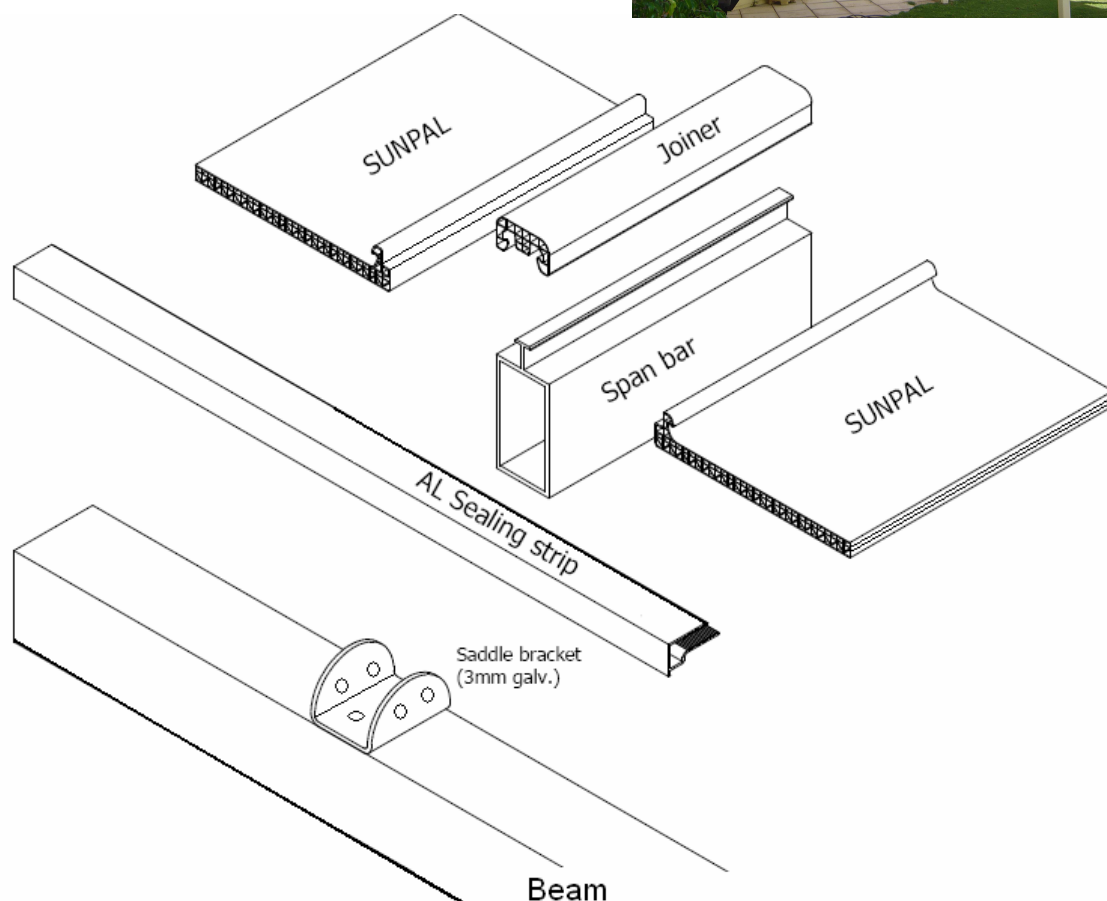
The most advanced structural roof & façade system available!

Incorporating the clean look of Sunpal multi, the Spanbar System helps create large spans without the need for unsightly purlins or cross members.

The Spanbar System utilises long spanning aluminium “T” rafters that can free span up to 9.0m. These “T” rafters are light weight but extremely strong giving clean lines to enhance any covered area.

The Spanbar System is ideal for both commercial and domestic applications including:

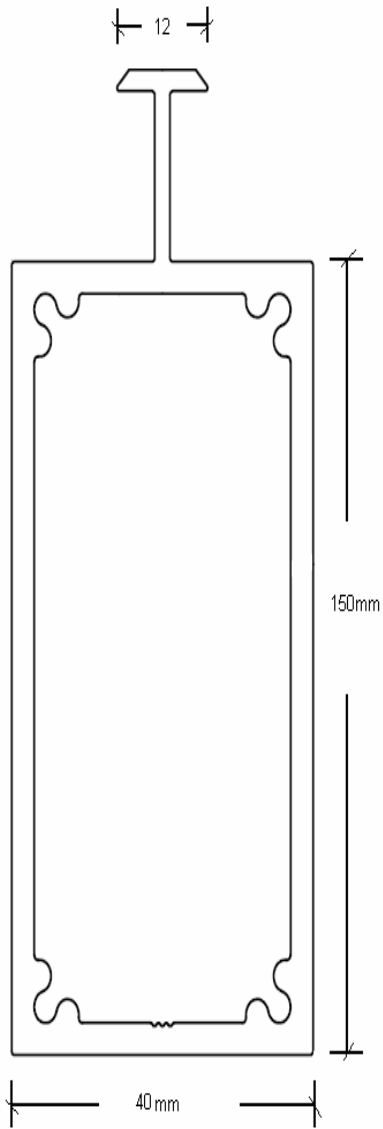
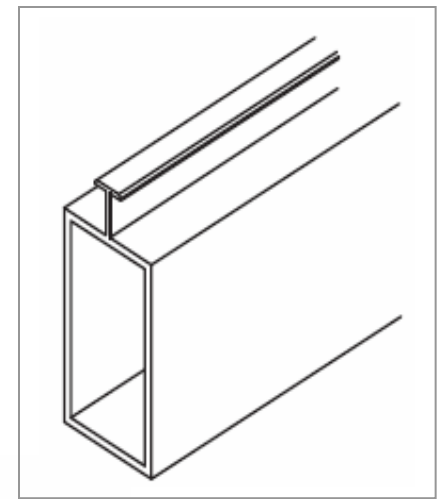
- Covered walkways/ voids
- Entry awnings
- Atriums
- Shopping centre Malls
- Cafes, restaurants
- Facades
- Internal Screens
- Office partitions
- Patios
- Pergolas



Another innovation by

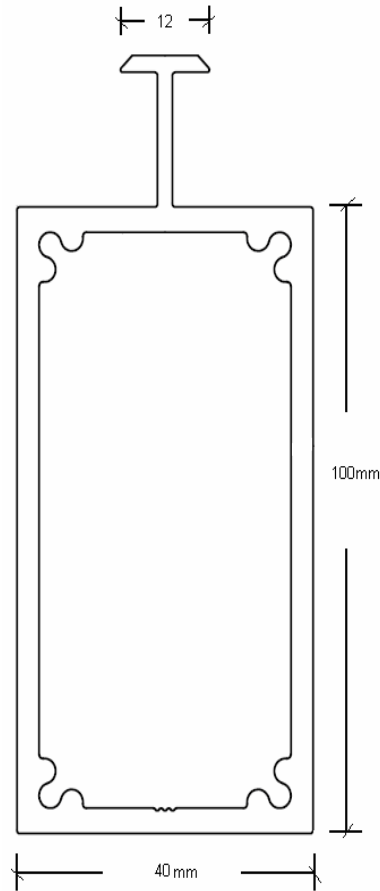
Burnside Plastics Australia
Excellence without Compromise

Available Profiles



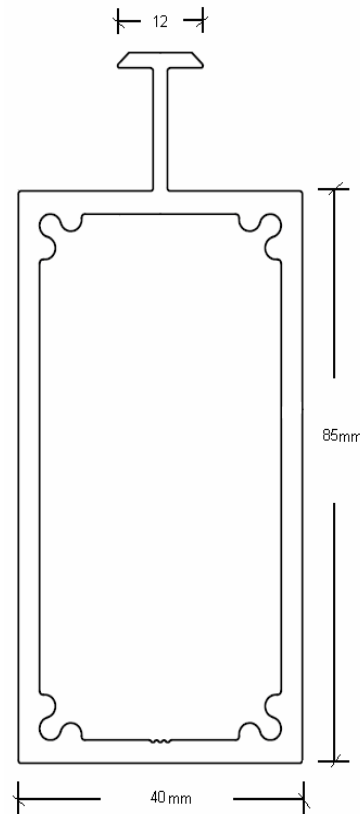
150mm x 40mm

Suits 18mm Sunpal



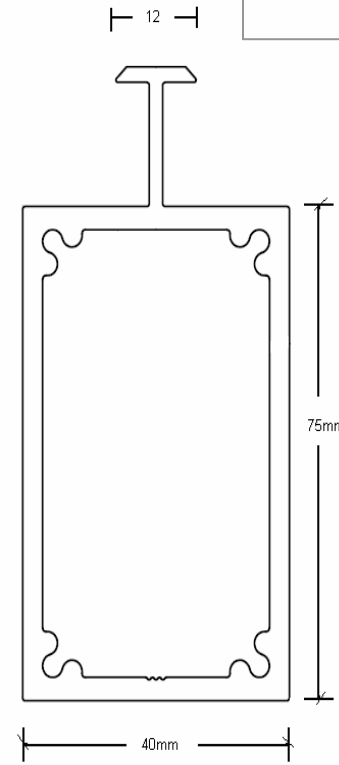
100mm x 40mm

Suits 18mm Sunpal



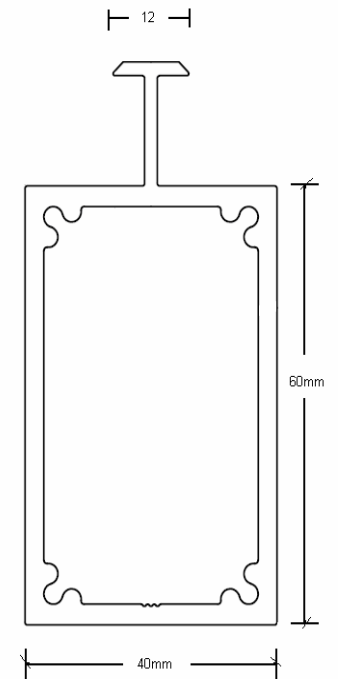
85mm x 40mm

Suits 10mm Sunpal



75mm x 40mm

**Suits 8mm Sunpal multi
8mm Sunpal Lite**



60mm x 40mm

**Suits 8mm Sunpal multi
8mm Sunpal Lite**

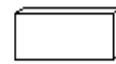
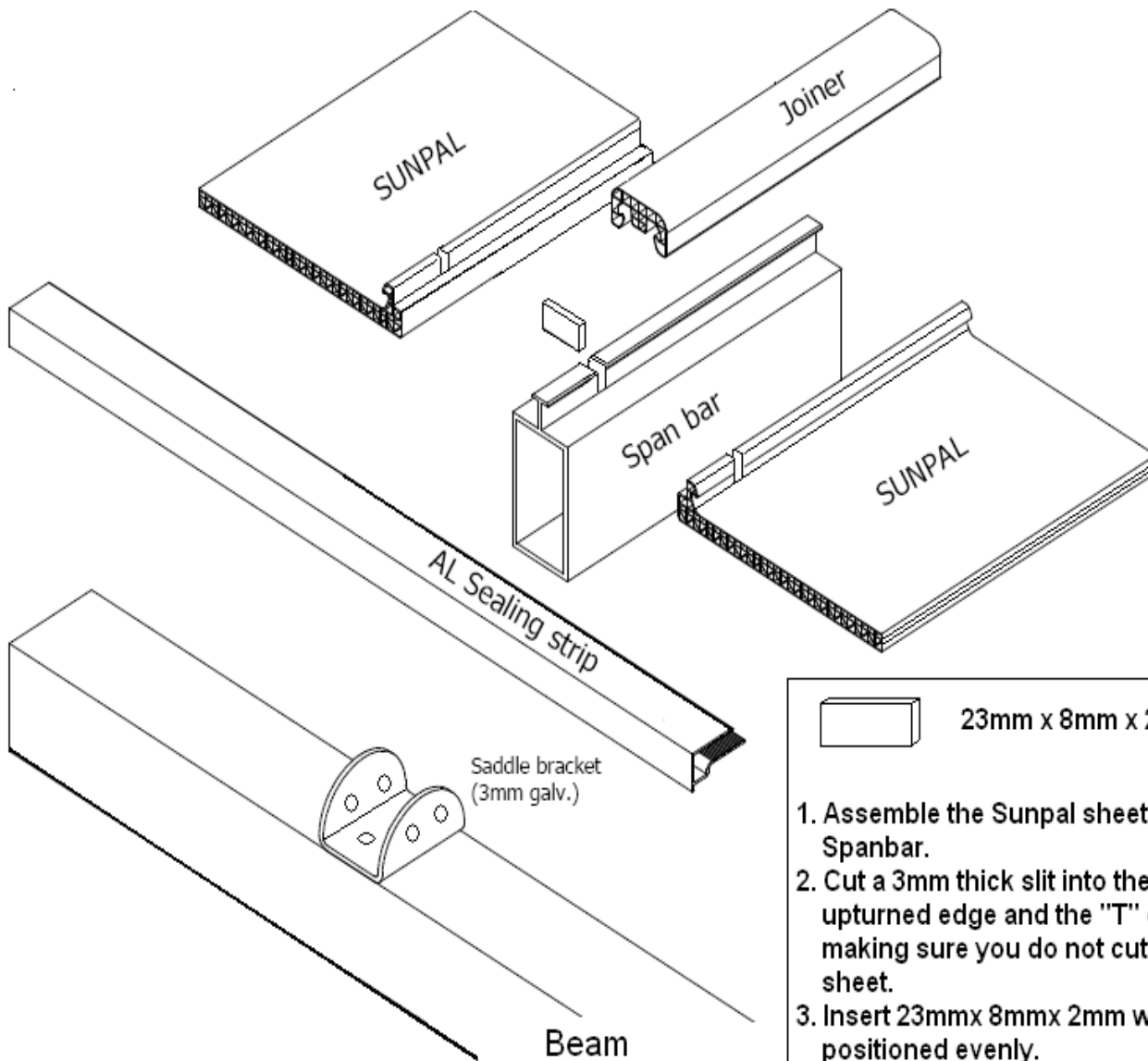
Spanbar System Guide

<u>Spanbar</u>	<u>Sunpal multi/ Lite Thickness</u>	<u>Style</u>	<u>Design</u>	<u>Permissible Span (mm)</u>
60mm	8mm multi or Lite (600mm wide)	SKILLION	Structure To Beam	4000mm
60mm	8mm multi or Lite (600mm wide)	CURVED	Structure To Beam	5000mm
60mm	8mm multi or Lite (600mm wide)	CURVED	Existing Structure To Structure	5000mm
75mm	8mm multi or Lite (600mm wide)	SKILLION	Structure To Beam	5000mm
75mm	8mm multi or Lite (600mm wide)	CURVED	Structure To Beam	6000mm
75mm	8mm multi or Lite (600mm wide)	CURVED	Existing Structure To Structure	7000mm
85mm	10mm multi (60mm wide)	SKILLION	Structure To Beam	6000mm
85mm	10mm multi (60mm wide)	CURVED	Structure To Beam	6000mm
85mm	10mm multi (60mm wide)	CURVED	Existing Structure To Structure	7000mm
100mm	18mm multi (1000mm wide)	SKILLION	Structure To Beam	6000mm
100mm	18mm multi (1000mm wide)	CURVED	Structure To Beam	7000mm
100mm	18mm multi (1000mm wide)	CURVED	Existing Structure To Structure	7000mm
150mm	18mm multi (1000mm wide)	SKILLION	Structure To Beam	7000mm
150mm	18mm multi (1000mm wide)	CURVED	Structure To Beam	8000mm
150mm	18mm multi (1000mm wide)	CURVED	Existing Structure To Structure	8000mm



SPANBARsystems
Structural Roofing & Facades

The Wedge Eliminates “creep” on your roof!



23mm x 8mm x 2mm Wedge

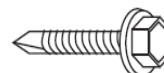
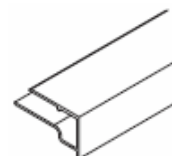
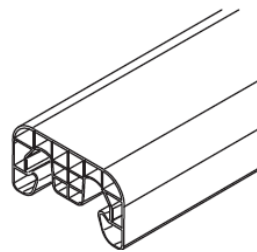
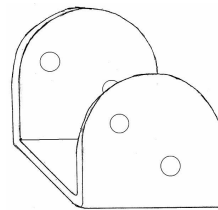
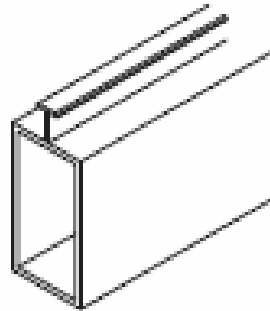
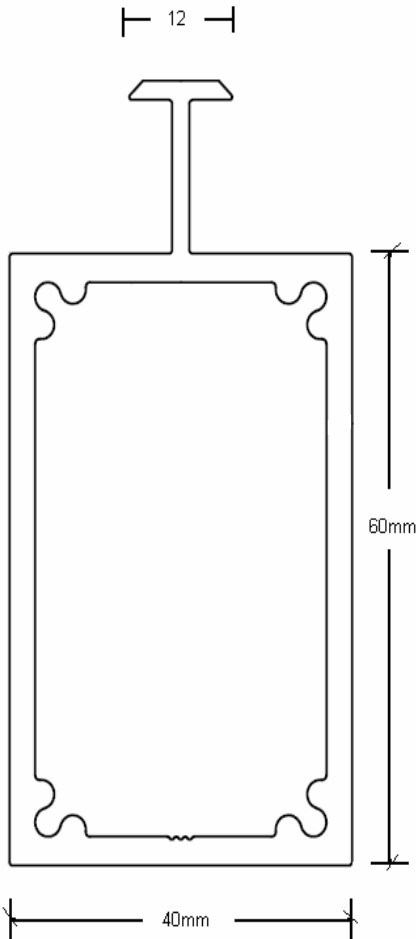
1. Assemble the Sunpal sheets either side of the Spanbar.
2. Cut a 3mm thick slit into the Sunpal sheet's upturned edge and the "T" of the Spanbar - making sure you do not cut into the face of the sheet.
3. Insert 23mmx 8mmx 2mm wedge so it's positioned evenly.
4. Snap on the polycarbonate joiner over the top

SPANBAR - 60mm

Data sheet:

Spanbar & Accessories

Description



Spanbar 60mm

Suits 8mm Sunpal multi
And 8mm Sunpal Lite
May be rolled to form a
curve or left straight for
skillion designs
Mill Finish aluminium

Saddle Bracket 50mm

To attach 60mm Spanbar
to Beam.
Zinc Finish

Sunpal 8mm multi or Sunpal 8mm Lite

600mm wide
Specified colour

Polycarbonate Joiner

To join Sunpal sheets
over each Spanbar

Poly Joiner End Cap

To finish off ends of
polycarbonate joiner

Spanbar End Cap 60mm

To finish off ends of
aluminium Spanbar
Mill Finish

Alum. Sheet End Cap

To seal off both ends
of Sunpal sheet

Tek Screws

Minimum bending radius – 2000mm

Cantilever skillion – 800mm (based on 1.0 kPa load)

Support Guide

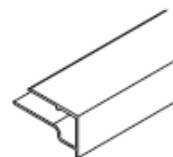
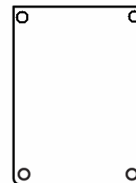
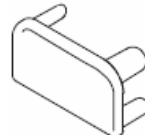
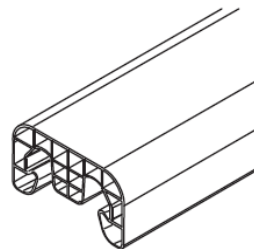
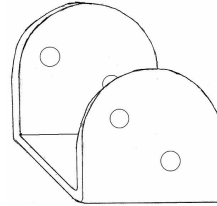
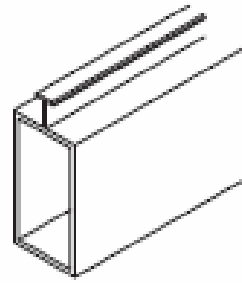
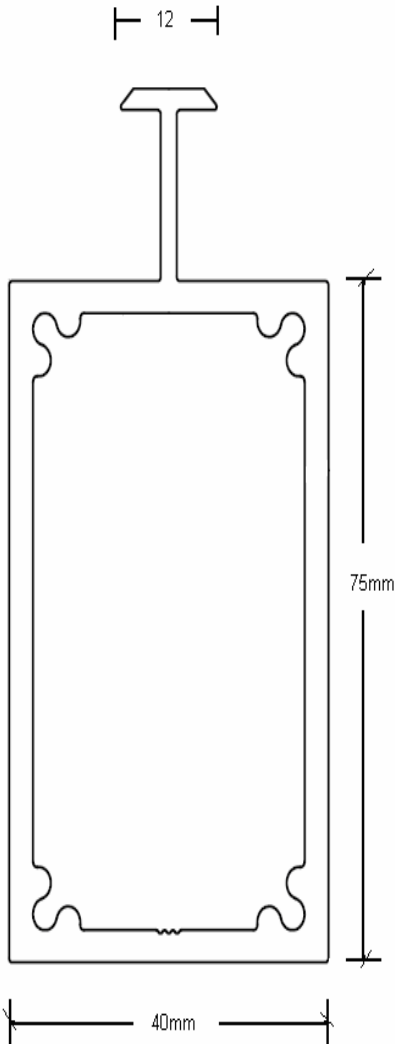
<u>Style</u>	<u>Design</u>	<u>Permissible Span</u>
Skillion	Structure to Beam	4000mm
Curved	Structure to Beam	5000mm
Curved	Structure to Structure	5000mm

SPANBAR - 75mm

Data sheet:

Spanbar & Accessories

Description



Spanbar 75mm

Suits 8mm Sunpal multi
And 8mm Sunpal Lite
May be rolled to form a
curve or left straight for
skillion designs
Mill Finish aluminium

Saddle Bracket 50mm

To attach 75mm Spanbar
to Beam.
Zinc Finish

Sunpal 8mm multi or Sunpal 8mm Lite

600mm wide
Specified colour

Polycarbonate Joiner

To join Sunpal sheets
over each Spanbar

Poly Joiner End Cap

To finish off ends of
polycarbonate joiner

Spanbar End Cap 75mm

To finish off ends of
aluminium Spanbar
Mill Finish

Alum. Sheet End Cap

To seal off both ends
of Sunpal sheet

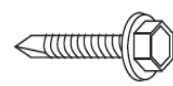
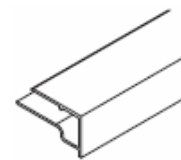
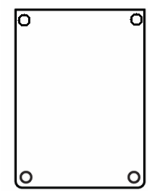
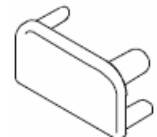
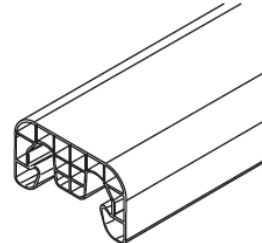
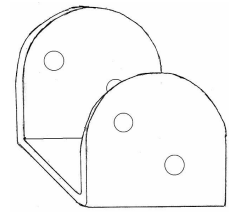
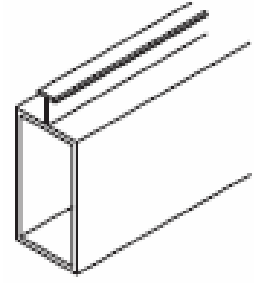
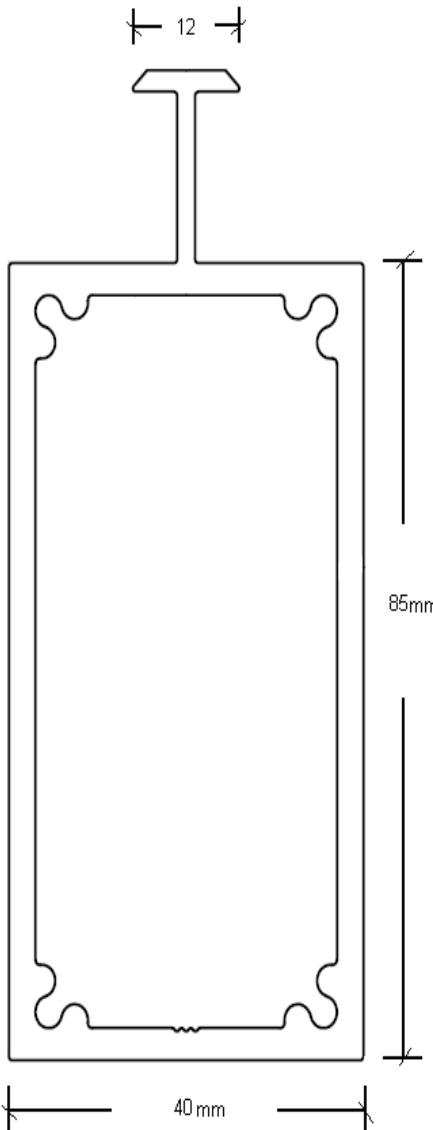
Tek Screws

Minimum curving radius – 2500mm
Cantilever Skillion design – 1200mm

Spanbar 75 Support Guide

<u>Style</u>	<u>Design</u>	<u>Permissible Span</u>
Skillion	Structure to Beam	5000mm
Curved	Structure to Beam	6000mm
Curved	Structure to Structure	7000mm

85mm Spanbar



Spanbar 85mm
Suits 10mm Sunpal multi
May be rolled to form a curve or left straight for skillion designs
Mill Finish aluminium

Saddle Bracket 50mm
To attach 85mm Spanbar to Beam.
Zinc Finish

Sunpal 10mm multi
600mm wide
Specified colour

Polycarbonate Joiner
To join Sunpal sheets over each Spanbar

Poly Joiner End Cap
To finish off ends of polycarbonate joiner

Spanbar End Cap 85mm
To finish off ends of aluminium Spanbar
Mill Finish

Alum. Sheet End Cap
To seal off both ends of Sunpal sheet

Tek Screws

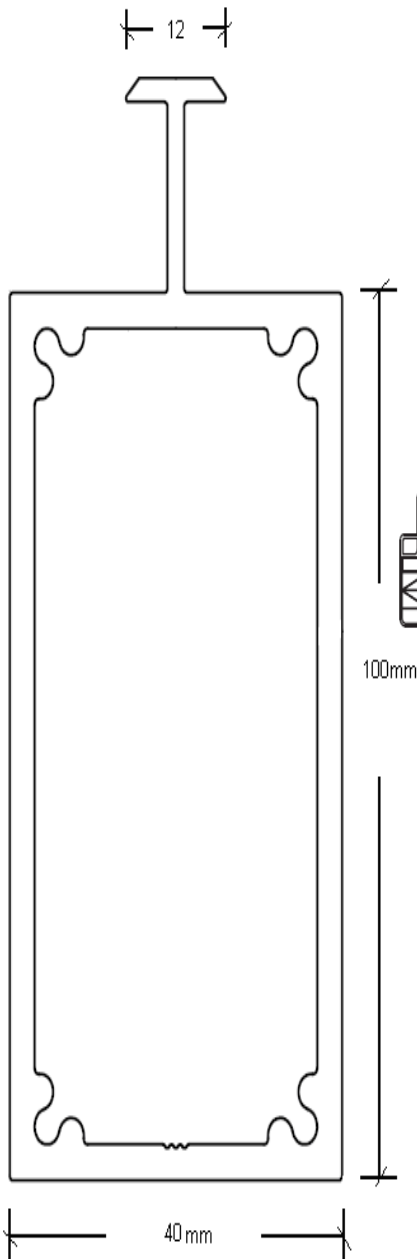
Minimum curving radius – 3000mm
Cantilever Skillion design – 1200mm

Spanbar 85 Support Guide	
<u>Style</u>	<u>Permissible Span</u>
Skillion	5500mm
Curved	6000mm

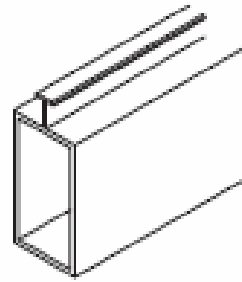
Spanbar & Accessories

Description

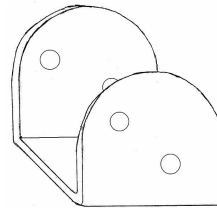
100mm Spanbar



Minimum curving radius – 3000mm
Cantilever Skillion design – 1300mm



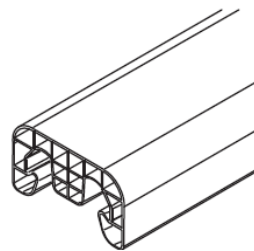
Spanbar 100mm
Suits 18mm Sunpal multi
May be rolled to form a curve or left straight for skillion designs
Mill Finish aluminium



Saddle Bracket 50mm
To attach 100mm Spanbar to Beam.
Zinc Finish



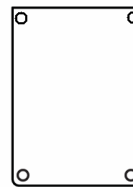
Sunpal 18mm multi
1000mm wide
Specified colour



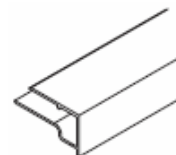
Polycarbonate Joiner
To join Sunpal sheets over each Spanbar



Poly Joiner End Cap
To finish off ends of polycarbonate joiner



Spanbar End Cap 100mm
To finish off ends of aluminium Spanbar
Mill Finish



Alum. Sheet End Cap
To seal off both ends of the Sunpal sheet



Tek Screws

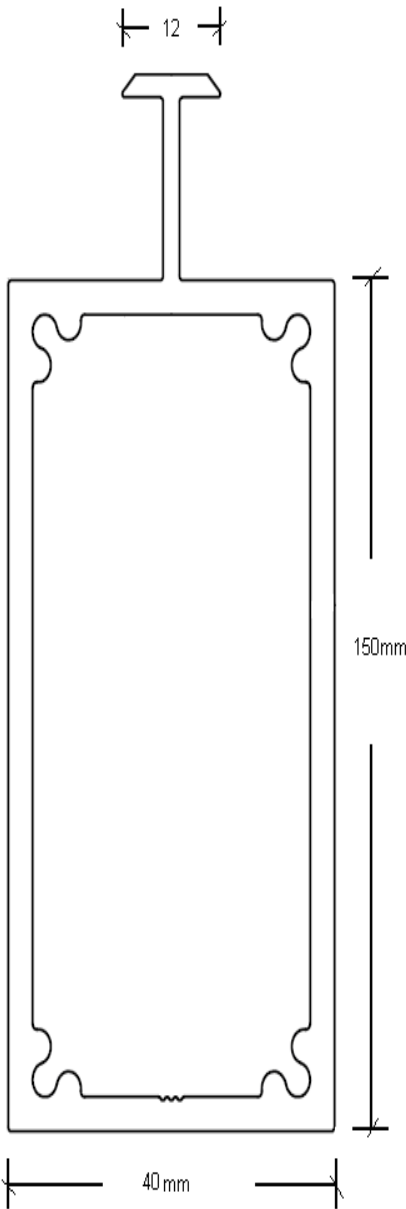
Spanbar 100 Support Guide

Style	Permissible Span
Skillion	6000mm
Curved	8500mm

Spanbar & Accessories

Description

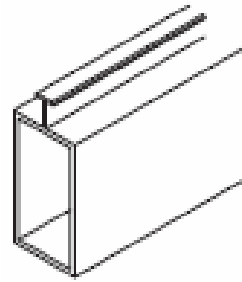
150mm Spanbar



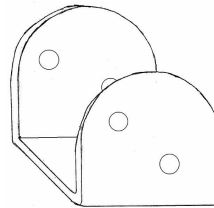
Minimum curving radius – 20000mm
Cantilever Skillion design – 1500mm

Spanbar 150 Support Guide

<u>Style</u>	<u>Permissible Span</u>
Skillion	8000mm
Curved	9500mm



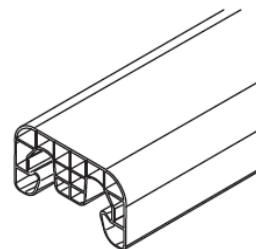
Spanbar 150mm
Suits 18mm Sunpal multi
May be rolled to form a curve or left straight for skillion designs
Mill Finish aluminium



Saddle Bracket 50mm
To attach 150mm Spanbar to Beam.
Zinc Finish



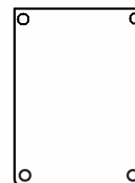
Sunpal 18mm multi
1000mm wide
Specified colour



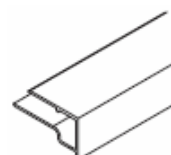
Polycarbonate Joiner
To join Sunpal sheets over each Spanbar



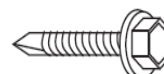
Poly Joiner End Cap
To finish off ends of polycarbonate joiner



Spanbar End Cap 150mm
To finish off ends of aluminium Spanbar
Mill Finish



Alum. Sheet End Cap
To seal off both ends of Sunpal sheet



Tek Screws